

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035677.D
 Acq On : 22 May 2024 15:51
 Operator : SY/MD
 Sample : P2547-08
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:25:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

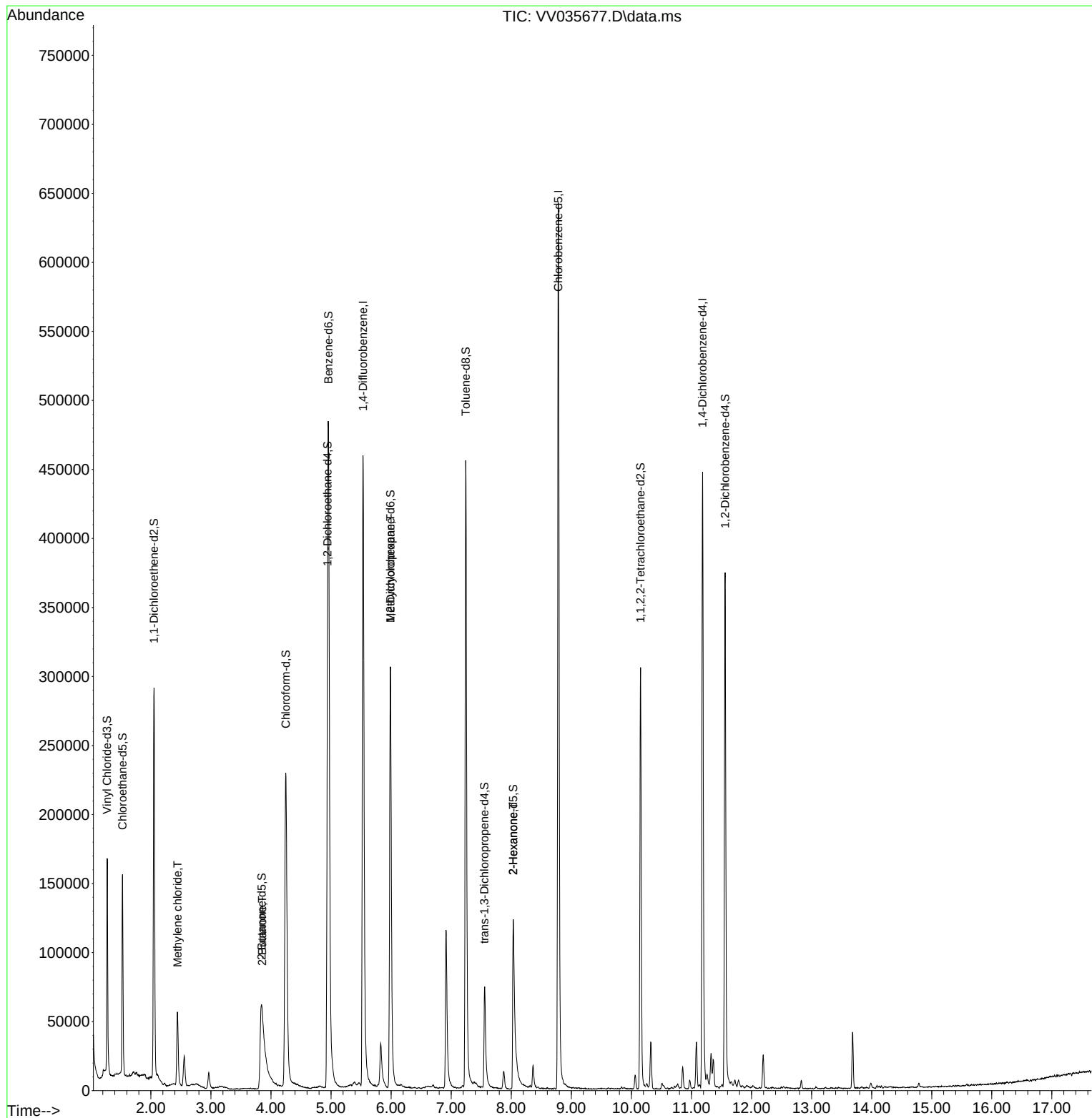
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	409902	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	375809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	123217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	105098	16.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.360%
7) Chloroethane-d5	1.529	69	98796	19.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	2.053	65	48781	17.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	3.844	46	82332	45.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.580%
24) Chloroform-d	4.246	84	257996	21.171	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.680%
26) 1,2-Dichloroethane-d4	4.941	65	145170	24.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.957	84	436446	21.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	5.989	67	160247	25.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	7.243	98	319643	17.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.840%
43) trans-1,3-Dichloroprop...	7.555	79	52097	19.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.760%
47) 2-Hexanone-d5	8.034	63	47023	41.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	151923	24.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	101233	23.674	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	23849	2.523	ug/L	94
22) 2-Butanone	3.854	43	2824	1.155	ug/L #	62
35) Methylcyclohexane	5.989	83	38996	3.651	ug/L #	21
48) 2-Hexanone	8.034	43	5028	1.726	ug/L #	60

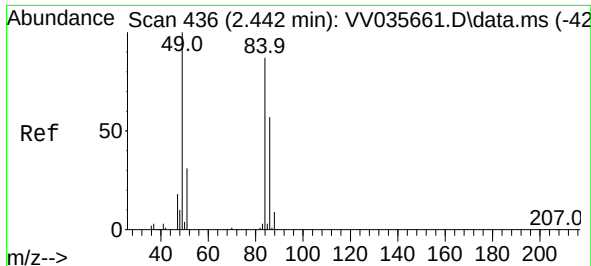
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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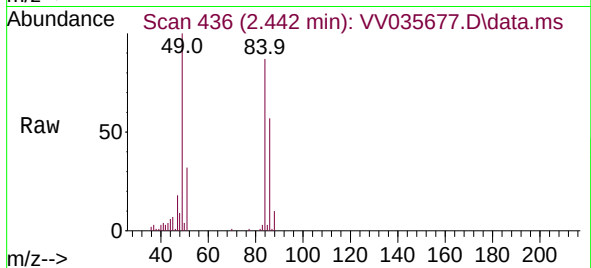
Quant Time: May 23 02:25:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 02:17:29 2024
Response via : Initial Calibration



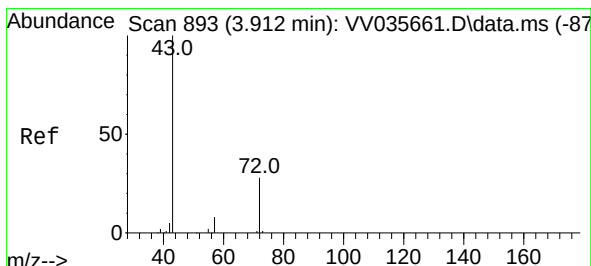
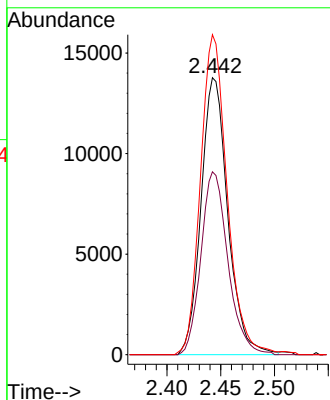
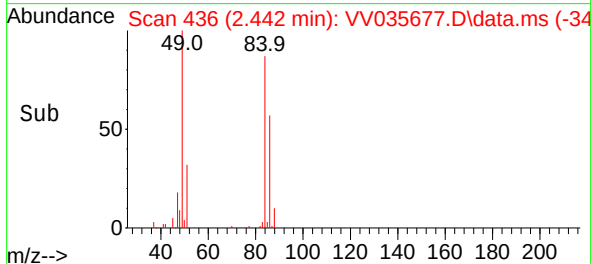


#16
Methylene chloride
Concen: 2.523 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035677.D
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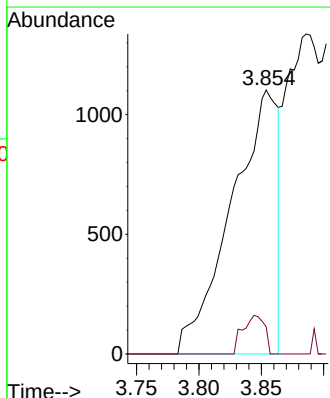
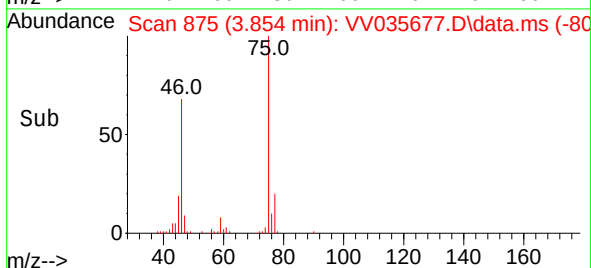
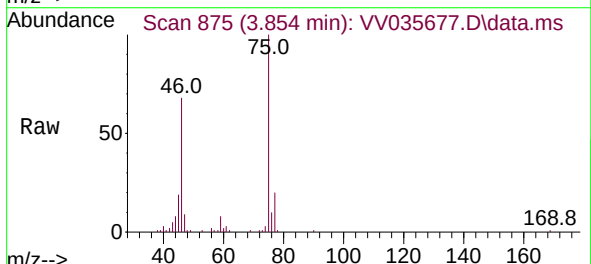


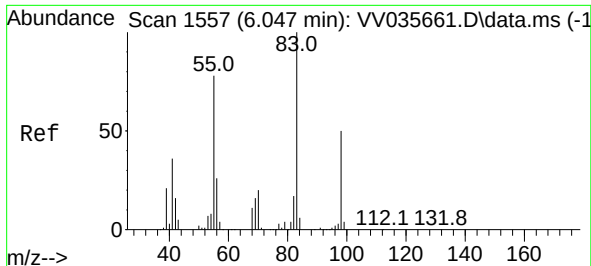
Tgt Ion: 84 Resp: 23849
Ion Ratio Lower Upper
84 100
86 66.0 43.8 81.3
49 115.5 75.3 139.9



#22
2-Butanone
Concen: 1.155 ug/L
RT: 3.854 min Scan# 875
Delta R.T. -0.058 min
Lab File: VV035677.D
Acq: 22 May 2024 15:51

Tgt Ion: 43 Resp: 2824
Ion Ratio Lower Upper
43 100
72 5.6 12.3 36.9#





#35

Methylcyclohexane

Concen: 3.651 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

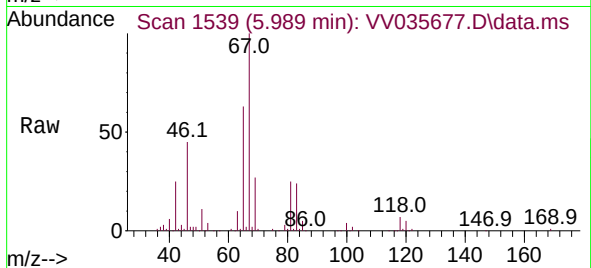
Lab File: VV035677.D

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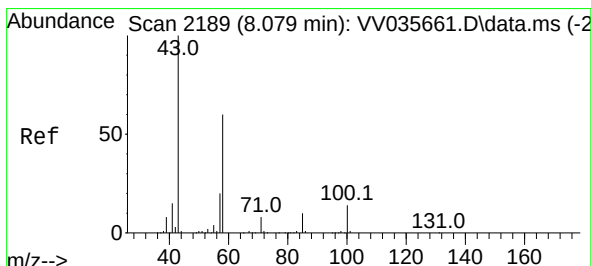
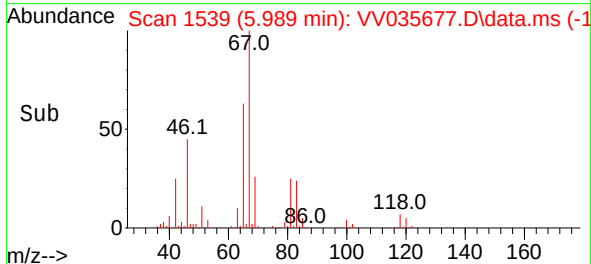
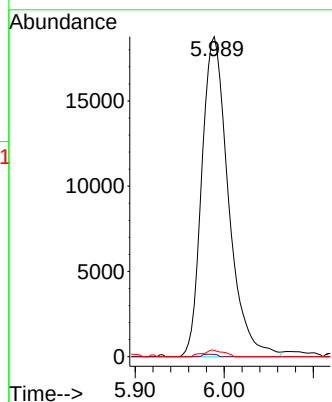
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MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	38996
Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.5	86.3#
98	1.6	38.6	58.0#



#48

2-Hexanone

Concen: 1.726 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV035677.D

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Tgt Ion:	43	Resp:	5028
Ion	Ratio	Lower	Upper
43	100		
58	39.1	48.8	73.2#
57	61.8	16.9	25.3#
100	6.2	11.7	17.5#

